



Section E

300 Area Facility Transition

PROJECT MANAGERS

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INTRODUCTION

The 300 Area Facility Transition consists of 324 Facility Safe Shutdown, 327 Facility Safe Shutdown, Miscellaneous Radiological Facilities Deactivation, and Project Management and Support, Project Baseline Summary (PBS) RL-RC06, Work Breakdown Structure (WBS) 3.1.6.

NOTE: Unless otherwise noted, all information contained herein is as of the end of April 2002.

Fiscal-year-to-date milestone performance (EA, DOE-HQ, and RL) shows that no milestones are due. For the remainder FY 2002, one milestone was completed ahead of schedule, one milestone is on schedule, one milestone is forecast late and one milestone will be deferred with a completion date yet to be determined.

NOTABLE ACCOMPLISHMENTS

324 Facility Safe Shutdown — Schedule recovery: The Spent Nuclear Fuel Project (SNF) performed final procedure walk-downs in parallel with pressurized water reactor fuel handling acceptance test procedures (ATP) to recover eleven days of schedule slippage caused by component design and manufacturing issues. As a result, the project is three days behind schedule, and will continue the procedure review/approval cycle in an effort to complete full schedule recovery.

324 Building cleanout activities included the disposition of two of seven Pacific Northwest National Laboratory (PNNL) Legacy Waste containers. In addition, fabrication of the B Cell exhaust duct inspection crawler was completed, and the revised Liquid Waste Handling System request for proposal was issued.

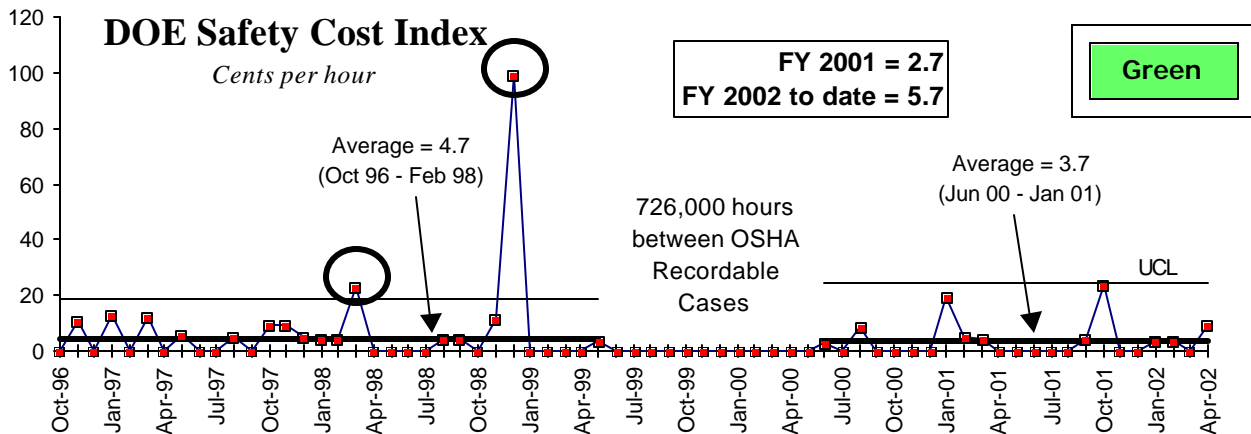
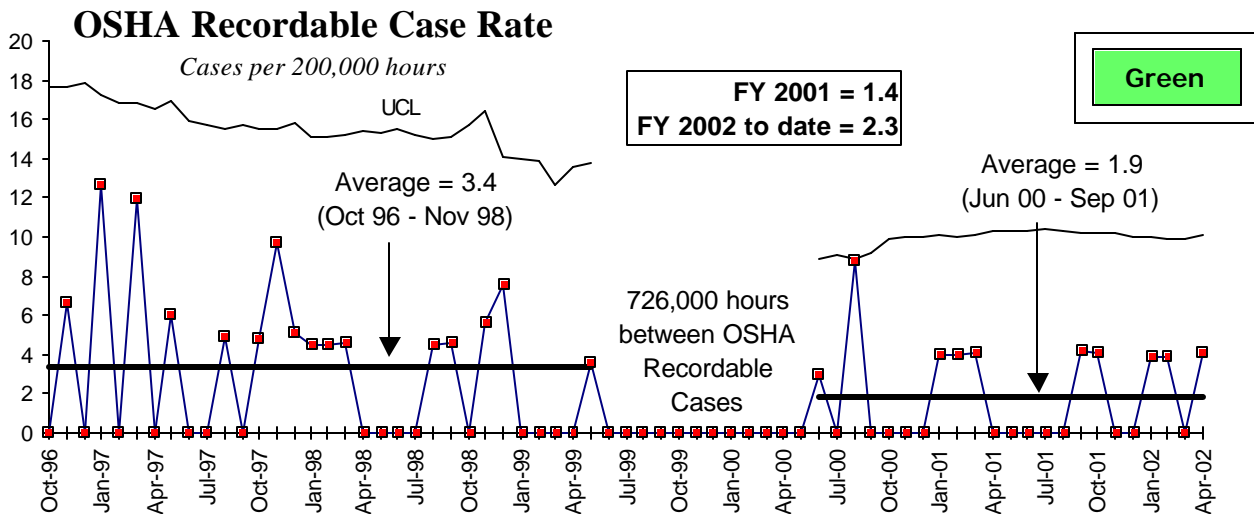
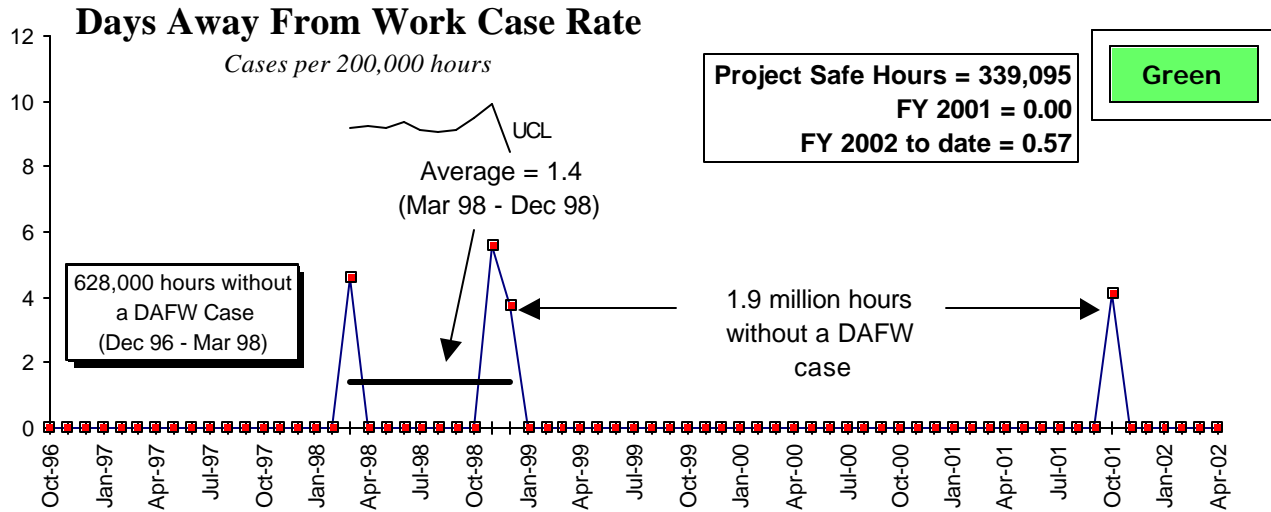
327 Facility Safe Shutdown — The successful removal of the curium source, and shipment to the Central Waste Complex clears the way for the completion of the 327 Building Safety Analysis Report/Basis for Interim Operations (SAR/BIO), resulting in reduction from a Nuclear Hazard Category 2 to a Nuclear Hazard Category 3 facility. The inventory for B and C Cells was significantly reduced with the loadout of nine of an estimated ten buckets and eight of an estimated fourteen PVC containers. The removal of all but essential electrical service to B and D Cells, a task critical to dismantlement or removal, was completed this month. The basement cleanout progressed with the removal of two of an estimated three large boxes of low-level waste and one of an estimated five smaller low-level waste boxes.

Misc. Radiological Facilities Deactivation — The 303K slab has been removed and closure activities are complete except for formal approval of the documentation.

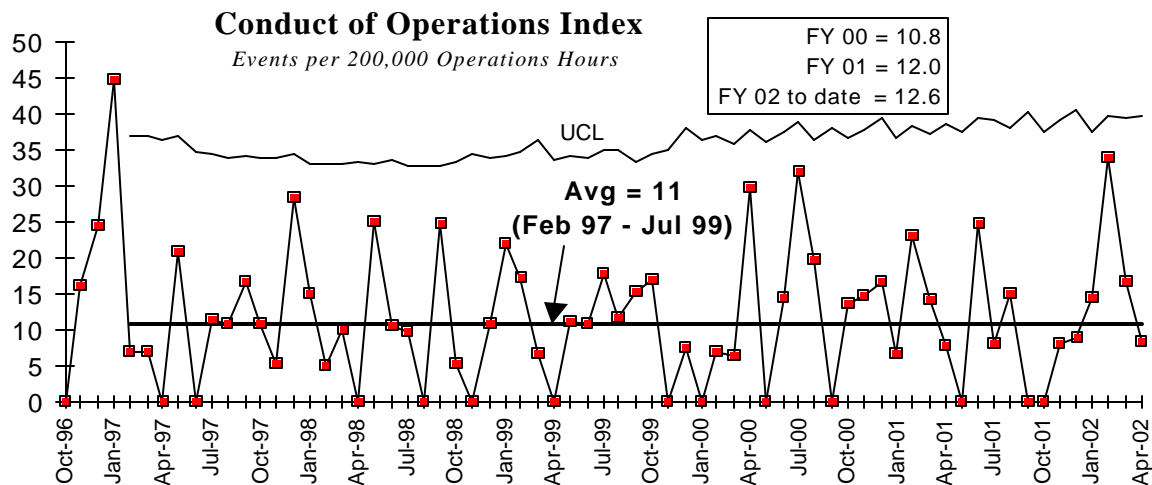
SAFETY

River Corridor has achieved more than 339,095 safe work hours since the last Days Away from Work case. The last Days Away from Work case occurred on October 9, 2001. During the month of April there was one restricted workday case.

Safety (Continued)



CONDUCT OF OPERATIONS



BREAKTHROUGHS / OPPORTUNITIES FOR IMPROVEMENT

Breakthroughs

Monolithic Removal of 327 Hot Cells — To support accelerated 300 Area closure, RC is integrating decommissioning and demolition with deactivation activities where practical. Intact removal of the 327 hot cells appears to be technically feasible, to have potentially significant ALARA benefits, and results in schedule/cost reduction. Certification that the hot cells can be disposed of as non-Transuranic waste is key to adopting monolithic removal as the technical baseline. In support of this initiative, RC was successful in obtaining Accelerated Site Technology Deployment (ASTD) funding (\$935K) to purchase in-situ characterization instruments that will lead to the eventual Low Level Waste certification. Procurement documents have been prepared for four instrument systems that will be used to locate, identify, and quantify residual contamination in the hot cells. Suppliers have been authorized to begin constructing two of the systems.

Opportunities for Improvement

None to report.

UPCOMING ACTIVITIES

Spent Nuclear Fuel (SNF) Transfer — Decontaminate initial NAC-1 Cask and ISO container by April 29, 2002 (This activity continued to slip due to subcontractor delays; a recovery plan is in place).

324/327 Buildings — Complete 26.5 percent remaining deactivation scope by June 30, 2002.

300 Area Miscellaneous Contaminated Facilities — Shutdown 333 Building fire protection system by September 2002 (This activity delayed due to higher priority work).

Contract Transition — Support transfer of FH scope to River Corridor Closure Contract (RCCC) on September 30, 2002, or 90 days preceding contract award.

MILESTONE ACHIEVEMENT

FH Contract Milestones

MSN	Title	Type	Due Date	Actual Date	Forecast Date	Status/Comments
M-92-14	Complete Removal and Transfer, and Initiate Storage of Phase I 300 Area SCW and Materials	EA	9/30/02	3/28/00		Complete
TRP-01-904	Complete TPA Milestone M-89-02	TPA	11/30/00	7/18/01		Complete
TRP-04-904	Sel Tech. for Highly Contam. Tank Rmvl (Technology Insertion Point)	RL	2/28/02		3/4/04	Delayed pending completion of 2012 Alignment Assessment which may result in deletion of the need for this work. Impact - not immediate - work supported by this TIP is planned for FY04. A letter to RL requesting deferral of TIP decision point is in review. Ultimate resolution dependent on rebaseline of deactivation path.
TRP-02-700	Complete > 26.5% Remaining 324/327 Deactivation LC Scope	PI	6/30/02		6/30/02	Activities are on schedule. A proposed change to PI FH-M8 submitted with BCR - FH-2002-008.
TRP-02-701	Support RCP Contract Transition Plan	PI	6/30/02		TBD	Final Plan delivered on 4/24/02. The RL Performance Assessment Team reviewed and approved. Actual date for commencement of transition is TBD.

PERFORMANCE OBJECTIVES

Outcomes: Restore the River Corridor for Multiple Uses

Performance Indicator	Status
FHI-M8 – 300 Area Cleanup	
Measure 1: Accelerate 300 Area Cleanup	
Expectation 1: Deactivate 324/327 Buildings	
Base: Complete 26.5% remaining 324/327-baseline work by June 30, 2002.	25.8 percent of the remaining lifecycle work scope completed October 2000 through April 2002.
Base: Complete B Cell cleanout and shipment of B Cell waste to 200 Area Burial Grounds.	Complete.
Stretch: Complete additional 2.5% remaining 324/327-baseline work.	As of April 2002, the subproject has completed an additional \$2.87M lifecycle workscope (1.56 percent lifecycle work scope) toward the stretch goal.
Expectation 2: Disposition surplus facilities	
Base: Disposition 3902A, 3802B & 303-K by September 30, 2001.	Complete.
Stretch: Disposition 377 Bldg. by June 30, 2002.	Expecting approval of PI modification.
Expectation 3: Disposition uranium billets, uranium dioxide, scrap materials in 200/300 Areas, and 303-K thorium-232 by September 30, 2001.	Complete.
Measure 2: Support RC contract transition	
Expectation 1:	
Stretch: Support RC contract transition by July 1, 2002.	The River Corridor Transition Plan was delivered to RL on April 24, 2002.

FY 2002 SCHEDULE / COST PERFORMANCE – ALL FUND TYPES FY TO DATE STATUS – (\$000)

Sub-Project		BCWS	BCWP	ACWP	SV	%	CV	%	BAC
PBS RC06 WBS 3.1.6.1	324 Facility Safe Shutdown	13,859	13,403	13,534	(456)	-3%	(130)	-1%	21,877
PBS RC06 WBS 3.1.6.2	327 Facility Safe Shutdown	3,336	3,737	3,196	401	12%	542	14%	6,799
PBS RC06 WBS 3.1.6.3	Misc. Radiological Facilities Deactivation	1,419	1,436	1,231	17	1%	205	14%	2,519
PBS RC06 WBS 3.1.6.4	300 Area Facilities Project Management	4,003	4,250	3,479	246	6%	771	18%	7,198
Total 300 Area FT		22,618	22,826	21,438	208	1%	1,388	6%	38,394

FY TO DATE SCHEDULE / COST PERFORMANCE

The favorable schedule variance of \$0.2M (1 percent) is within the established thresholds. The favorable cost variance of \$1.4M (6 percent) is due to 327 min-safe efficiencies, less than planned labor and contract costs.

For all active sub-PBSs and TTPs associated with the Operations/Field Office, Fiscal Year to Date (FYTD) Cost and Schedule variances exceeding + / - 10 percent or one million dollars require submission of narratives to explain the variance.

Schedule Variance Analysis: (+ \$0.2M)

327 Facility Safe Shutdown — 3.1.6.2/RC06

Description and Cause: The favorable schedule variance was primarily due to outyear work scope being performed ahead of schedule.

Impact: None

Corrective Action: No corrective action required.

All other sub-projects are within established thresholds.

Cost Variance Analysis: (+ \$1.4M)

327 Facility Safe Shutdown — 3.1.6.2/RC06

Description and Cause: The favorable cost variance was primarily due to efficiencies realized in min-safe activities.

Impact: No impact.

Corrective Action: No corrective action required.

Misc. Radiological Facilities Deactivation — 3.1.6.3/RC06

Description and Cause: The favorable cost variance was due to less than planned costs in labor, contracts and waste disposal costs.

Impact: No impact.

Corrective Action: None required.

300 Area Facilities Project Mgt & Support — 3.1.6.4/RC06

Description and Cause: The favorable cost variance was primarily due to time phasing of contracts and labor underruns as a result of staff vacancies not yet filled.

Impact: No impact.

Corrective Action: Any underruns in funding will be utilized to support other priority work scope.

All other sub-projects are within established thresholds.

Funds Management FY 2002 FUNDS VS SPENDING FORECAST (\$000)

	FH Funds Reallocation	FYSF	Variance
River Corridor			
RC02, RC05, RC06, CP01			
Project Completion - Operating	\$ 37,585	\$ 36,757	\$ 828
Post 2006 - Operating	\$ 27,142	\$ 27,325	\$ (183)
- Line Item	\$ -	\$ -	\$ -
Total	\$ 64,727	\$ 64,082	\$ 645

[Status through April 2002]

Note: FH Reallocation reflects an FYSF adjusted for scope deletions, deferrals, and identified savings to address funding shortfalls, additional unplanned scope, and cost increases.

ISSUES

Technical Issues

Issue: Ability to accelerate 324 schedule for five PWR spent fuel assembly shipments by September 30, 2002 vs. December 2002 is potentially impacted by sub-contractor delays.

Impact: Must recover lost time in order to accomplish accelerated schedule.

Action Plan / Status: The Spent Nuclear Fuel Project (SNF) performed final procedure walk-downs in parallel with pressurized water reactor fuel handling acceptance test procedures (ATP) to recover eleven days of schedule slippage caused by component design and manufacturing issues. As a result, the project is three days behind schedule, and will continue the procedure review/approval cycle in an effort to complete full schedule recovery.

Issue: Curium Removal at 327 Building.

Impact: Significantly increases radioactive material inventory and requires modification of the Basis for Interim Operations.

Action Plan: The curium was shipped to the Central Waste Complex closing out this item. *(This is the last report for this item.)*

Issue: 324 Shielded Material Facility (SMF) Artisan Arm procurement.

Impact: The Artisan Arm is required to complete activities in the SMF.

Action Plan: The Factory Acceptance Test (FAT) was to take place in Pittsburgh May 7-9, 2002, but was delayed approximately two weeks due to the manufacturer awaiting receipt of material. Subsequent delivery to the 324 Building is now rescheduled for the week of June 10, 2002.

Issue: 303K Foundation removal.

Impact: The Notice of Construction (NOC) is required to complete slab removal.

Action Plan: This work is now complete. *(This is the last report for this item.)*

Regulatory Issues

Issue: Obtain RL, EPA, and Ecology agreement to modify 324 Closure Plan to CERCLA in support of realignment of the 324 baseline to the 2012 Plan. Obtain Ecology and RL relief on immediate activities that are contrary to the 2012 Plan.

Impact: Without relief there will be no alignment with the 2012 Plan.

Action Plan: Draft Amendment delivered to RL on April 25, 2002, for review and comment. Comments from RL due June 5, 2002. TPA-M-94-02, requiring submittal of the Closure Plan Amendment to Ecology for review and approval is due July 30, 2002.

DOE Issues

Issue: Realign 327 baseline to 2012 Plan and obtain interim RL relief on immediate activities that are contrary to the 2012 Plan.

Impact: The present 327 baseline doesn't align with the 2012 plan and activities do not support the plan.

Action/Status: The first revision is complete and will be submitted for final review and comment on May 15, 2002. This work is behind schedule, but will be complete by May 31, 2002.

External Issues and DOE Requests

None to report.

BASELINE CHANGE REQUESTS CURRENTLY IN PROCESS

BCR No. Level 4 WBS	Date Originated	Description	Impact		Date Approved	Status
			Days	Dollars (\$000s)		
RC06-02-003 3.1.6.1	3/7/02	Liquid Waste Handling System		\$1,251	4/18/02	Complete
RC06-02-004 3.1.6.1	2/25/02	Revenue Account (DP Funds) for Mark 42		(\$191)	4/8/02	Complete
RC06-02-005 3.1.6.1	4/8/02	324 BCR Implement Administrative Corrections		\$0	4/29/02	Complete
RC06-02-006 3.1.6.1	4/11/02	Milestone Description Changes		\$0	4/29/02	Complete
RC06-02-007 3.1.6.4	4/22/02	River Corridor Prj (RCP) Transition Activities		\$624		Transition Plan approved. BCR will be held until transition date established.